Program Coverage

Session 1
Excel:

- Understanding and Creating a Financial Model Template
- Refreshing important Excel functions to be used in financial modelling and valuation
  - String Function
  - Offset function
  - Data table
  - Goal seek
  - Linking multiple sheets and files etc.
  - Macros
  - Learning Custom formatting peculiar to creating financial models
  - Learning referencing (usage of $) and its significance in the financial model

Session 2
Basic Business Model

- Understanding Business Model

Financial Statements

- Creating Historical Statements
- Assumptions
- Forecast

Valuation

- Applying DCF

Financial Model - Data:

- Data Collection
- Data Structuring
- Public and Private data sources
- Preliminary Scrutiny of the Data and Information

Business Model

- Understand the business model & operating model

Session 3
Modelling

- Working on Historical Statements
- Modelling Assumptions for Future Action
- Revenue Build-up – projecting the future revenues
- Cost Build-up – projecting the future cost
- Asset Schedule
- Depreciation Schedule – Book and Income Tax Depreciation
- Working Capital and Term Loan Modeling – Debt Infusion
- Modeling Impact of Accumulated Losses, Current Tax and Deferred Tax on Tax Payable
- Equity Modeling – Equity Infusion
- Modeling Paid Up Capital and Share Premium Account
- Cash Flow Statement Projection

Session 4
Valuation

- Cost of Equity - CAPM
- Net cost of Debt
- WACC
- Absolute Valuation: Performing Valuation using DCF (FCFF and Enterprise Value)
- Relative Valuation: Comparable Analysis
- Performing Sensitivity/Scenario Analysis

Project Valuation – Introduction

- Introduction and context
- Understanding an integrated financial Model

Session 5

Project Valuation – Creating a Model for NPV & IRR

- Understanding basics
- Building flexibility for cash flow at unpredictable time
- Building flexibility in Model

Modelling Delays

- Date arithmetic and creating flexible template
- Lookup revenues and costs
- Quarterly to Yearly Revenue consolidation using SumIf

Project Valuation – Circular Logic and looping

- Interest During Construction
- Interest and Cash

Project Valuation – Creating EPC Schedule

- Finding out different cost involved in the project
- Calculating complete project cost

Session 6

Project Valuation – CAPEX Schedule

- Finding out the total capex required for the project
- Converting monthly items to annual

Project Valuation – P&L

- Working on different sources of revenue
- Calculating expenses
- Using DCF
- Calculating IRR

Project Valuation – Asset Schedule

- When, what is required?
- Project Valuation – Valuation
- Using DCF
- Calculating IRR

Project Valuation – GANTT Chart

- Tracking progress of the project

Project Valuation – GANTT Chart

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Session 7

Visualization - Interactive Excel Dashboard

- Introduction
- Dashboard design tips
- Data Sources
    - Possible data sources
    - Format data in table
- Building dashboard
    - Pivot for the line chart
    - Bar Chart
    - Pie Pivot
    - Sparklines Pivots
    - Map Pivots
- Interactivity with slicers
- Dynamic titles
- Design and Layout

M&A - Introduction

- Meaning and Categories of M&A
- Merger Motivations
- Forms of Payment in a Merger Deal

M&A - Evaluation

- Evaluating a Merger Bid
- Case: Estimating fair acquisition price of the target company in M&A
- Identifying assumptions for estimating future cash flows
- Calculating FCFF, discount and terminal rate and NPV
- Comparable Companies
- Defining comparative value metric
- Estimating takeover premium and calculating takeover price
- Comparable transactions and defining comparative value metric
- Calculating the valuation of the company

Session 8

M&A - Valuation

- Case: Live Case
- Why this case
- Finding out rationale for the transaction
- Searching and researching relevant reports
- Understanding the usage of 10K and 10Q
- Collecting and projecting numbers
- Merger Analysis – Key Drivers and Inputs
- Projecting both companies' numbers
- Find out the impact of deal announcement on share price
- Creating high level merger accounting for goodwill – Pooling method
- Accretion/Dilution Analysis and Modeling a Financing Plan
- Performing Sensitivity Analysis on Acquirer's EPS, Contribution Analysis